

In the Claims

1. (currently amended) A screw and a tool for turning the screw for medical purposes comprising:

a screw having a screw body made of a biodegradable material and configured as an interference screw for anchoring a transplant in an opening in a bone having,

a head portion having a facial end face,

a shaft portion extending from said head portion from an end opposite to said facial end face along an axial direction of said screw body,

a threading provided on an outer side of said shaft portion, and

at least one up to five axially extending grooves cut into an outer side of said screw body, said at least one up to five grooves extending along said head portion and an entire length of said shaft portion, said at least one groove being provided for inserting a drive element of a driving tool therein and at least one recess is provided in said facial end face of said head portion;

a tool having up to five drive elements for inserting into said up to five grooves, and having a projection corresponding to said recess in said facial end face of said head portion of said screw, said projection can be introduced into said recess for centering said tool on said screw.

2. (currently amended) The screw of claim 1, wherein a depth of said at least one up to five axially extending grooves are is such that said drive element of said driving tool lies within said at least one up to five axially extending grooves and does not extend beyond an outer periphery of said screw body.

3. (currently amended) The screw of claim 1, wherein a depth of said at least one up to five axially extending grooves is such that said drive element of said driving tool is housed within said axially extending grooves without extending radially beyond said threading of said shaft portion.

4. (cancelled)
5. (original) The screw of claim 4, wherein said recess is configured as a channel completely passing through said screw body.
6. (original) The screw of claim 1, wherein several axially extending grooves are provided to be distributed uniformly about a circumference of said screw body.
7. (cancelled)
8. (currently amended) The screw of claim 1, wherein said at least one up to five axially extending grooves are open axially at said facial end face end of said head portion.
9. (currently amended) The screw of claim 8, wherein a bridge is provided for bridging said at least one up to five axially extending grooves in a circumferential direction.
10. (original) The screw of claim 9, wherein said bridge is provided in said head portion of said screw body.
11. (currently amended) The screw of claim 1, wherein a bridge is provided for bridging said at least one up to five axially extending grooves in an circumferential direction of said screw body, said bridge is formed by said outer threading of said shaft portion.
12. (canceled)
13. (canceled)

14. (previously amended) The screw of claim 1, wherein said transplant is selected from the group consisting of: a tendon, a ligament, and combinations thereof.

15. (previously withdrawn)

16. (previously withdrawn)

17. (previously withdrawn)

18. (previously withdrawn)

19. (previously withdrawn)

20. (previously added) An interference screw made of a biodegradable material for anchoring a transplant in an opening in a bone comprising:

    a head having an end face;

    a shaft extending from said head from an end opposite to said end face along an axial direction perpendicular to said head portion, said shaft tapering from said head portion to the end opposite to said end face;

    a threading provided on an outer surface of said shaft; and

    at least one axially extending groove cut into and extending along an outer side of said head and an entire length of said shaft, said at least one groove being provided for inserting a drive element of a driving tool therein.

21. (new) The interference screw of claim 20 wherein said at least one axially extending groove comprises at least three axially extending grooves.

22. (new) The interference screw of claim 21 wherein said head further has at least one recess centered in the end face for receiving a projection on the drive element of the driving tool to center the drive element about the end face.